

For Research Use Only

# APC Anti-Mouse CD86 (GL1)

Catalog Number: APC-65068

11 Publications



## Basic Information

Catalog Number:

APC-65068

Size:

100ug, 0.2 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC013807

GeneID (NCBI):

12524

UNIPROT ID:

P42082

Full Name:

CD86 antigen

Purification Method:

Affinity purification

CloneNo.:

GL1

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Cited Applications:

IF, FC

Species Specificity:

Mouse

Cited Species:

mouse

## Background Information

CD86 (also known as B7-2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

## Notable Publications

Author	Pubmed ID	Journal	Application
Hongbing Lin	36114617	Stem Cells Dev	FC
Yu He	39629501	Small	IF
Hongkang Zhu	39366615	Int J Biol Macromol	FC

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA.

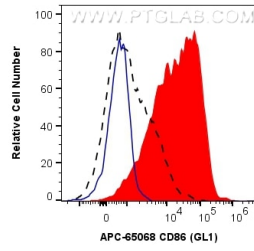
For technical support and original validation data for this product please contact:

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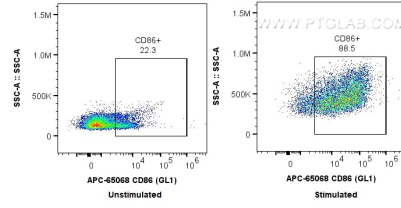
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1X10<sup>6</sup> untreated (dashed lines) or LPS-treated (red) mouse splenocytes were surface stained with 0.2 ug APC Anti-Mouse CD86 (APC-65068, Clone:GL1) (red), or 0.2 ug Isotype Control (blue). Cells were not fixed.



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